

F. Leeger, Geoffrey

#4

Access DB# 111093

Refocus

SEARCH REQUEST FORM

Scientific and Technical Information Center

115

Requester's Full Name: Gwen Lian 9 Examiner #: 7930 Date: 12-29-03
Art Unit: 2172 Phone Number 305-3985 Serial Number: 09/755,815
Mail Box and Bldg/Room Location: CPKT 4B25 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method and System for Weather Forecasting
Inventors (please provide full names): YOSHIDA, Lester T; JONES, Cliff R;
TRACY, Karen S.

Earliest Priority Filing Date: 01/05/2001

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Concept = Based on user preference and weather information, the invention provides the user with both time(s) and location for a specific activity. (see A)

Claims: 17, 35 (See B)

12-30-03 A10:31:IN

* Assignee: Surface Systems Inc.

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Geoffrey F. Leeger</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-7500</u>	AA Sequence (#) _____	Dialog <u>✓</u>
Searcher Location: <u>4B30</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>1/8/4</u>	Bibliographic <u>✓</u>	Dr.Link _____
Date Completed: <u>1/13/4</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>90</u>	Fulltext <u>✓</u>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>255</u>	Other _____	Other (specify) _____

PTO-1590 (8-01)

Best Available Copy

File 347:JAPIO Oct 1976-2002/Dec(Updated 030402)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200328

(c) 2003 Thomson Derwent

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Set	Items	Description
S1	1849857	WEATHER OR CLIMATE OR CONDITIONS(3N) (OUTDOOR OR ROAD OR DRIVING) OR PRECIPITATION OR HUMIDITY OR WIND OR WINDCHILL OR TEMPERATURE OR BAROMETER? OR HOT OR COLD OR RAIN OR SNOW OR STORM? ? OR HURRICANE? ? OR (WARM OR COLD) ()FRONT? ?
S2	3558	S1(5N) (ACTIVITY OR ACTIVITIES OR EXCURSION? ? OR RECREATION?? OR FIELD()TRIP? ? OR PICNIC? ? OR OUTDOORS OR FISHING OR CLIMB??? (3N) (ROCK? ? OR MOUNTAIN? ?) OR MOUNTAINEERING OR HIKE OR HIKING OR WATCH?(3N)BIRD? ? OR OUTING? ?)
S3	4231	S1(5N) (DAY()TRIP? ? OR EXPEDITION? ? OR HUNTING OR SKATE OR SKATING OR SKI OR SKIING OR SAILING OR BOATING OR SWIMMING OR BEACH OR GOLF??? OR SPORTING()EVENT? ? OR VOLLEYBALL OR EVENT? ? OR SURFING OR HANG()GLID??? OR HANGGLID???)
S4	2539214	TIME OR DAY OR WEEKEND? ? OR DATE? ?
S5	2137902	LOCATION? ? OR PLACE? ? OR AREA? ? OR TOWN? ? OR CITY? ? OR COUNTRY OR COUNTRIES OR PARK? ? OR BEACH?? OR RESORT? ?
S6	1018	S4:S5(5N) (SUGGEST? OR RECOMMEND? OR ADVIS?)
S7	1	S2:S3 AND S6
S8	111	S2:S3 AND IC=G06F
S9	29	S2 AND IC=G06F
S10	82	S8 NOT S9
S11	34	S10 AND IC=G06F-017
S12	48	S10 NOT S11
S13	105	S1 AND S6
S14	2	S13 AND IC=G06F
S15	47	WEATHER AND S4(10N) (LOCATION OR PLACE) AND IC=G06F
S16	40	S15 NOT S8
S17	5771	S1(10N) (ACTIVITY OR ACTIVITIES OR EXCURSION? ? OR RECREATION?? OR FIELD()TRIP? ? OR PICNIC? ? OR OUTDOORS OR FISHING OR CLIMB??? (3N) (ROCK? ? OR MOUNTAIN? ?) OR MOUNTAINEERING OR HIKE OR HIKING OR WATCH?(3N)BIRD? ? OR OUTING? ?)
S18	5588	S1(10N) (DAY()TRIP? ? OR EXPEDITION? ? OR HUNTING OR SKATE - OR SKATING OR SKI OR SKIING OR SAILING OR BOATING OR YACHTING OR SWIMMING OR BEACH OR GOLF??? OR VOLLEYBALL OR EVENT? ? OR SURFING OR HANG()GLID??? OR HANGGLID???)
S19	1	S17:S18 AND S6
S20	155	S17:S18 AND IC=G06F
S21	44	S20 NOT S8
S22	76023	LONGITUDE OR LATITUDE
S23	7	S22(5N) (ACTIVITY OR ACTIVITIES OR EXCURSION? ? OR RECREATION?? OR FIELD()TRIP? ? OR PICNIC? ? OR OUTDOORS OR FISHING OR CLIMB??? (3N) (ROCK? ? OR MOUNTAIN? ?) OR MOUNTAINEERING OR HIKE OR HIKING OR WATCH?(3N)BIRD? ? OR OUTING? ?)
S24	5	S22(5N) (DAY()TRIP? ? OR EXPEDITION? ? OR HUNTING OR SKATE - OR SKATING OR SKI OR SKIING OR SAILING OR BOATING OR YACHTING OR SWIMMING OR BEACH OR GOLF??? OR VOLLEYBALL OR EVENT? ? OR SURFING OR HANG()GLID??? OR HANGGLID???)
S25	12	S23:S24

9/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07432227 **Image available**
REMOTE SUPERVISORY SYSTEM AND RECORDING MEDIUM

PUB. NO.: 2002-300737 [JP 2002300737 A]
PUBLISHED: October 11, 2002 (20021011)
INVENTOR(s): MORIHATA TAKASHI
KOMIYAMA KOICHI
APPLICANT(s): TOKYO GAS CO LTD
APPL. NO.: 2001-099126 [JP 20011099126]
FILED: March 30, 2001 (20010330)
INTL CLASS: H02J-013/00; G01W-001/02; G05B-023/02; **G06F-017/60** ;
G08B-027/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a remote supervisory system capable of preventing the occurrence of a climatic trouble due to lightning and the like to a loaded apparatus.

SOLUTION: A supervisory system 5 that supervises a CGS client site 15 takes in climate information that is assumed to exert an influence upon a life **activity** of a client from a **climate** information database 7, and specifies the CGS client site 15 that is assumed to be exerted with the influence referring to a client database 13, to perform remote control of a CGS 9 of the specified CGS client site 15 for avoiding an adverse effect. By means of an operation performed by the remote control of the CGS 9, a specified load giving a warning is paralleled off from a commercial power supply, to singly feed from a generator of the CGS. A control system for starting up a preparatory load that singly feeds from the generator of the CGS is backed up by interrupting the specified load in advance.

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9/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07156039 **Image available**
METHOD AND DEVICE FOR PROVIDING SERVICE

PUB. NO.: 2002-024420 [JP 2002024420 A]
PUBLISHED: January 25, 2002 (20020125)
INVENTOR(s): NAKAZAWA SADAMITSU
APPLICANT(s): NAKAZAWA SADAMITSU
APPL. NO.: 2000-205288 [JP 2000205288]
FILED: July 06, 2000 (20000706)
INTL CLASS: **G06F-017/60** ; **G06F-017/30**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a device for providing service, by which a necessary resort can be retrieved from a target recreation, concerning the method and the device for providing service for providing information on leisure.

SOLUTION: By designating recreation items such as golf, rafting, **hiking** and **hot** spring or the like supplied from a terminal, areas capable of performing these recreations are retrieved.

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9/5/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015167562 **Image available**
WPI Acc No: 2003-228090/200322
XRPX Acc No: N03-181361

Personalized phenomenological display management method e.g. for meteorological condition, involves transmitting request for geo-temporal information associated with client location, to server

Patent Assignee: BURFEIND C R (BURF-I); CASE A (CASE-I); RESCH P (RESC-I)

Inventor: BURFEIND C R; CASE A; RESCH P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020152266	A1	20021017	US 2001834160	A	20010412	200322 B

Priority Applications (No Type Date): US 2001834160 A 20010412

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020152266	A1	23	G06F-015/16	

Abstract (Basic): US 20020152266 A1

NOVELTY - A client location (870) is obtained and a request for geo-temporal information associated with the client location is generated. The generated request is transmitted to a server that delivers personalized dynamic radar images (800) with an associated data structure (880) to the user in response.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computerized method for server managing phenomenological display.

USE - For managing display of phenomenological information such as meteorological conditions including temperature, relative humidity, wind direction, dew point, barometric pressure, floods, **hurricanes**, tornadoes, volcanic **activity**, hydrological measures of lakes, rivers, seismological reports and forecasts, cosmological event such as sunrise, sunset, etc., road and traffic conditions in locations of personal significance to the user.

ADVANTAGE - The online display of phenomenological activities of specific geographic locations of client can be managed effectively. The images can be zoomed in and out in different ranges.

DESCRIPTION OF DRAWING(S) - The figure shows an illustration of images of personalized phenomenological display, stored in a recording medium.

Dynamic radar images (800)

Client location (870)

Data structure (880)

pp; 23 DwgNo 8/13

Title Terms: PERSON; DISPLAY; MANAGEMENT; METHOD; METEOROLOGICAL; CONDITION
; TRANSMIT; REQUEST; GEO; TEMPORAL; INFORMATION; ASSOCIATE; CLIENT;
LOCATE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): H04Q-007/20

File Segment: EPI

9/5/6 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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014769656 **Image available**

WPI Acc No: 2002-590360/200263

XRPX Acc No: N02-468574

Weather-based decision making method for sporting event, involves notifying suggested time and location for specific activity based on comparison of user preference profile with prestored weather information

Patent Assignee: JONES C R (JONE-I); TRACY K S (TRAC-I); YOSHIDA L T (YOSH-I)

Inventor: JONES C R; TRACY K S; YOSHIDA L T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091692	A1	20020711	US 2001755815	A	20010105	200263 B

Priority Applications (No Type Date): US 2001755815 A 20010105

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091692	A1	10	G06F-017/30	

Abstract (Basic): US 20020091692 A1

NOVELTY - A user preference profile including weather parameter such as precipitation, wind, air temperature, humidity and **road conditions**, is received for a specific **activity**. The user preference profile is compared with prestored weather information and a suggested time and location for the specific activity is notified to the user, based on the comparison result.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Weather-based decision providing system; and
- (2) Computer.

USE - For making weather-based decision through intranet, wide area network such as Internet, for planning sporting events like golf game, field trips, meetings, driving and many different types of activities.

ADVANTAGE - Facilitates accurate planning of outside activities and events.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of method for providing weather-based decision.

pp; 10 DwgNo 5/5

Title Terms: WEATHER; BASED; DECIDE; METHOD; SPORTS; EVENT; NOTIFICATION; TIME; LOCATE; SPECIFIC; ACTIVE; BASED; COMPARE; USER; PREFER; PROFILE; WEATHER; INFORMATION

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/30

File Segment: EPI

9/5/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014749833 **Image available**

WPI Acc No: 2002-570537/200261

XRPX Acc No: N02-451808

Positional information system has server station to transmit relevant fishing data, based on received positional data to a terminal

Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002191276	A	20020709	JP 2000393854	A	20001225	200261 B

Priority Applications (No Type Date): JP 2000393854 A 20001225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002191276	A	7	A01K-097/00	

Abstract (Basic): JP 2002191276 A

NOVELTY - A relevant **fishing** information such as tide information, **weather** information is stored along with positional information in a database. A fishing information acquired from database corresponding to the received positional data of a terminal is transmitted to the terminal from a server station.

USE - Positional information providing system for fishing persons.

ADVANTAGE - Transmits a relevant fishing information to a terminal based on detected positional information of the terminal to provide safety to a fishing person.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of positional information providing system. (Drawing includes non-English language text).

pp; 7 DwgNo 1/5

Title Terms: POSITION; INFORMATION; SYSTEM; SERVE; STATION; TRANSMIT;

RELEVANT; FISH; DATA; BASED; RECEIVE; POSITION; DATA; TERMINAL

Derwent Class: P14; T01; W01; W06

International Patent Class (Main): A01K-097/00

International Patent Class (Additional): G01S-005/14; **G06F-013/00** ;

H04Q-007/34

File Segment: EPI; EngPI

9/5/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014550421 **Image available**

WPI Acc No: 2002-371124/200240

Related WPI Acc No: 1999-142393; 2000-636984

XRPX Acc No: N02-289981

Unmanned weather analyzing and reporting station for use in aviation field, outputs predicted potential weather condition corresponding to sensed weather characteristics

Patent Assignee: BROWN A (BROW-I)

Inventor: BROWN A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020026284	A1	20020228	US 99246784	A	19990201	200240 B
			US 2000546333	A	20000410	

Priority Applications (No Type Date): US 99246784 A 19990201; US 2000546333 A 20000410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020026284	A1	20	G06F-169/00	Cont of application US 99246784

Abstract (Basic): US 20020026284 A1

NOVELTY - A microprocessor processes local weather condition data signal from a sensor (14). A RF receiver (12) receives weather signals of variable selected frequencies relating to weather conditions in selected remote conditions. An output unit outputs predicted potential weather condition corresponding to sensed weather characteristic, based

on predicted condition by microprocessor and signals received by receiver.

USE - For detecting severe weather conditions such as tornadoes and lightning, etc., for use in aviation field.

ADVANTAGE - Due to compact structure, the weather station is readily portable and easily utilized. User can ascertain current local weather conditions which are not apparent to sensor and organize his/her **activities** appropriately. Detection of severe **weather** conditions allows user to take actions to protect life and property in the immediate vicinity being monitored.

DESCRIPTION OF DRAWING(S) - The figure shows the environmental diagrammatic view of the weather analyzing and reporting station.

RF receiver (12)

Sensor (14)

pp; 20 DwgNo 1/13

Title Terms: UNMANNED; WEATHER; REPORT; STATION; AVIATION; FIELD; OUTPUT; PREDICT; POTENTIAL; WEATHER; CONDITION; CORRESPOND; SENSE; WEATHER; CHARACTERISTIC

Derwent Class: S03; T01

International Patent Class (Main): G06F-169/00

File Segment: EPI

9/5/12 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014403374 **Image available**

WPI Acc No: 2002-224077/200228

Related WPI Acc No: 2001-580024

XRPX Acc No: N02-171546

Real time weather data display method involves generating three dimensional model of weather event by combining meteorological data with graphical representation of affected geographical area

Patent Assignee: BARON SERVICES INC (BARO-N)

Inventor: BARON R O; DAVIS B P; PHILLIPS R J; THOMPSON T S; WILSON G S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6266063	B1	20010724	US 9762588	P	19971020	200228 B
			US 98174213	A	19981016	

Priority Applications (No Type Date): US 9762588 P 19971020; US 98174213 A 19981016

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6266063	B1	10	G06F-015/00	Provisional application	US 9762588

Abstract (Basic): US 6266063 B1

NOVELTY - Subsets of weather data over a period of time is received and processed to generate meteorological data. The meteorological data is associated with graphical representation of affected geographical area to create the three dimensional model. The model is displayed as real time representation.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for graphical real time weather data displaying system.

USE - In television weather broadcasting.

ADVANTAGE - By combining meteorological data with graphical data to form a 3D representation, the observer will be able to visualize the meteorological information in 3D. Broadcasters will be able to not only tell about **weather activity**, they will be able to show viewers giving them a tour of the **weather activity** in real time.

DESCRIPTION OF DRAWING(S) - The figure shows the 3D graphical display prepared utilizing real time, 3D weather display method.
pp; 10 DwgNo 4/4
Title Terms: REAL; TIME; WEATHER; DATA; DISPLAY; METHOD; GENERATE; THREE; DIMENSION; MODEL; WEATHER; EVENT; COMBINATION; METEOROLOGICAL; DATA; GRAPHICAL; REPRESENT; AFFECT; GEOGRAPHICAL; AREA
Derwent Class: T01; W03
International Patent Class (Main): G06F-015/00
File Segment: EPI

9/5/14 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014371949 **Image available**
WPI Acc No: 2002-192652/200225
XRPX Acc No: N02-146274

Service provision method in internet for acquiring recreation information, involves displaying recreation information searched in server in client terminal, based on search request from terminal
Patent Assignee: NAKAZAWA S (NAKA-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002024420 A 20020125 JP 2000205288 A 20000706 200225 B

Priority Applications (No Type Date): JP 2000205288 A 20000706
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002024420 A 17 G06F-017/60

Abstract (Basic): JP 2002024420 A
NOVELTY - Recreation information such as information about resort, hot spring, is searched in servers, and the search result is displayed in the client terminals, based on search request.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for service provision device.
USE - In internet for acquiring information such as a resort, hot spring, hike, golf for recreation.
ADVANTAGE - Recreation information can be acquired easily.
DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining resort search process. (Drawing includes non-English language text).

pp; 17 DwgNo 8/19
Title Terms: SERVICE; PROVISION; METHOD; ACQUIRE; RECREATION; INFORMATION; DISPLAY; RECREATION; INFORMATION; SEARCH; SERVE; CLIENT; TERMINAL; BASED; SEARCH; REQUEST; TERMINAL
Derwent Class: T01
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-017/30
File Segment: EPI

9/5/19 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013667784 **Image available**
WPI Acc No: 2001-151996/200116

XRPX Acc No: N01-111756

Image monitoring warning method for meteorological satellite, involves outputting warning information corresponding to event from memory, by comparing characteristics of selected image with image stored beforehand

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000339329	A	20001208	JP 99148504	A	19990527	200116 B

Priority Applications (No Type Date): JP 99148504 A 19990527

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000339329	A	17	G06F-017/30	

Abstract (Basic): JP 2000339329 A

NOVELTY - The characteristics of image showing event for warning from stored time series image is estimated and stored. Selected image characteristics are compared with previously stored image, and prediction of image characteristic value after designated lead time is done based on log of similar events searched from past. Warning information corresponding to event is output from memory based on comparison result.

DETAILED DESCRIPTION - The time series image is stored in memory. The time corresponding to the selected image is stored in another memory along with warning information. The lead time corresponding to the occurrence of a event is designated. INDEPENDENT CLAIMS are also included for the following:

- (a) Image monitoring warning apparatus;
- (b) Image monitoring warning program

USE - For warning user during monitoring of vehicle traffic situation, **weather** situation, organism **activity** situation, etc, using video camera, **weather** radar, meteorological satellite, image pick-up apparatus.

ADVANTAGE - Since the event arising in future is estimated beforehand and its similarity is judged with the past events, warning is emitted to user beforehand and occurrence of the event is judged easily and accurately.

pp; 17 DwgNo 1/10

Title Terms: IMAGE; MONITOR; WARNING; METHOD; METEOROLOGICAL; SATELLITE; OUTPUT; WARNING; INFORMATION; CORRESPOND; EVENT; MEMORY; COMPARE; CHARACTERISTIC; SELECT; IMAGE; IMAGE; STORAGE

Derwent Class: T01; W05

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06T-001/00; G08B-025/00; H04N-007/18

File Segment: EPI

9/5/21 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013461695 **Image available**

WPI Acc No: 2000-633638/200061

XRPX Acc No: N00-469657

Wind environmental display system for town planning and architectural schemes, synthesizes selected wind image data and background image, then displays the compounded wind environment image

Patent Assignee: OHBAYASHI GUMI KK (OHBA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000259700	A	20000922	JP 9964728	A	19990311	200061 B

Priority Applications (No Type Date): JP 9964728 A 19990311

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000259700	A		4 G06F-017/50	

Abstract (Basic): JP 2000259700 A

NOVELTY - A memory (12) stores the **activity** and **wind** direction at various speeds. A selector (14) chooses the wind image data corresponding to speed estimated from geographical data at appropriate speed. The controller (10) synthesizes the selected wind image data and background image such as position of building in background image memory and the compounded wind environment image is displayed in display (18).

USE - For drawing town planning, architecture schemes.

ADVANTAGE - Influence of wind can be displayed and better simulation of the wind environment is possible.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of wind environmental display system.

Controller (10)

Display image data memory (12)

Display image selection unit (14)

Display (18)

pp; 4 DwgNo 1/8

Title Terms: WIND; ENVIRONMENT; DISPLAY; SYSTEM; TOWN; PLAN; ARCHITECTURE; SCHEME; SELECT; WIND; IMAGE; DATA; BACKGROUND; IMAGE; DISPLAY; COMPOUND; WIND; ENVIRONMENT; IMAGE

Derwent Class: T01

International Patent Class (Main): **G06F-017/50**

International Patent Class (Additional): G06T-017/00

File Segment: EPI

9/5/24 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011767670 **Image available**

WPI Acc No: 1998-184580/199817

XRFX Acc No: N98-146424

Map guide processing method - involves searching particular data in map database and its corresponding weather database is synthesised

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10040263	A	19980213	JP 96198190	A	19960726	199817 B

Priority Applications (No Type Date): JP 96198190 A 19960726

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10040263	A		6 G06F-017/30	

Abstract (Basic): JP 10040263 A

The method involves using an automatic guide apparatus (50), which comprises a map database (53), a control unit (51), a weather database (54) and weather estimation device (55). Inquiry person (A) transmits

the information related to destination location through a communication terminal (10) which is received by the control unit. A particular data in map database and its corresponding weather database is searched and is synthesised.

ADVANTAGE - Destimates **weather** condition of **picnic** spots.

Dwg.2/4

Title Terms: MAP; GUIDE; PROCESS; METHOD; SEARCH; DATA; MAP; DATABASE;

CORRESPOND; WEATHER; DATABASE; SYNTHESIS

Derwent Class: P85; S03; T01; W01

International Patent Class (Main): **G06F-017/30**

International Patent Class (Additional): G01W-001/10; G06T-001/00;

G09B-029/00; H04M-003/42; H04M-011/08

File Segment: EPI; EngPI

11/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07501384
GOLF INFORMATION MANAGEMENT SYSTEM

PUB. NO.: 2002-369904 [JP 2002369904 A]
PUBLISHED: December 24, 2002 (20021224)
INVENTOR(s): TAGUCHI KAZUhide
APPLICANT(s): SIGMA SOLUTIONS KK
APPL. NO.: 2001-215968 [JP 20011215968]
FILED: June 13, 2001 (20010613)
INTL CLASS: A63B-071/06; **G06F-017/60** ; H04B-007/26; H04Q-007/20

ABSTRACT

PROBLEM TO BE SOLVED: To automatically display a score card of a golf course during play by means of a mobile terminal and record a score for allowing view of a score and a play history of another group in play, attribute data of the **golf** course, and **weather** information while allowing reservation for play from the mobile terminal.

SOLUTION: Using a position registration function and an identification mark of the mobile terminal, the golf course during the play is specified for indicating the score card during the play, and the name of competition, a group name, member names, personal data on the score card are stored as data having hierarchic structure, so that in the competition, the score of another group can be viewed, while the stored data can be viewed as a play history at any time after the play. In addition, weather information fed at fixed time from the outside is accumulated, and the **weather** information of the corresponding **golf** course can be displayed through collation of the identification mark.

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11/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07382984 **Image available**
WEATHER INFORMATION SYSTEM USING USER UNIQUE SOFTWARE PROCESS

PUB. NO.: 2002-251484 [JP 2002251484 A]
PUBLISHED: September 06, 2002 (20020906)
INVENTOR(s): ARAKAWA SHUICHI
FUEKI SHUNSUKE
APPLICANT(s): FUJITSU LTD
APPL. NO.: 2001-048557 [JP 20011048557]
FILED: February 23, 2001 (20010223)
INTL CLASS: **G06F-017/60** ; G01W-001/02; **G06F-017/30**

ABSTRACT

PROBLEM TO BE SOLVED: To provide detailed weather information, which is based on an each user's attribute, to a user at a low price.

SOLUTION: A user's unique software process 2 refers to user's unique attribute information 3, and makes out the user's unique weather information, which suits for the user, from various weather information provided to WWW server 1 from a private weather company 5, etc. The user accesses to the WWW server 1 from a portable terminal 6 or a PC terminal 7,

and can get the weather information customized for him or herself. And the user's unique software process 2 can dynamically informs the user's unique weather information to the user, and can also informs **weather** information of the **event** place to the user by e-mail on the previous day according to the user's schedule. Additionally, when danger, such as accidental storm, is coming to the user, it also can inform the danger to the user by phone or e-mail.

COPYRIGHT: (C)2002,JPO

11/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

07361525 **Image available**
INFORMATION PROVIDING METHOD AND PORTABLE INFORMATION TERMINAL

PUB. NO.: 2002-230022 [JP 2002230022 A]
PUBLISHED: August 16, 2002 (20020816)
INVENTOR(s): YOSHIDA TOSHIYA
WATANABE HIDETAKE
NAKASU JIRO
ISHIZUKA TAKEHIKO
KOBAYASHI SAYAKA
APPLICANT(s): MITSUBISHI ELECTRIC CORP
APPL. NO.: 2001-024384 [JP 20011024384]
FILED: January 31, 2001 (20010131)
INTL CLASS: G06F-017/30 ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To solve the problem that it is necessary for a user to operate a portable information terminal, and to select a menu each time when the user receives information provision although it is possible to transmit information corresponding to a menu to the portable information terminal.

SOLUTION: At the time of receiving a schedule, in which the contents of an event are described, from a portable telephone set 1, weather forecast information to be provided to the portable telephone set 1 is retrieved under the consideration of the contents of the **event**, and the **weather** forecast information is transmitted to the portable telephone set 1.

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11/5/9 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015006549 **Image available**
WPI Acc No: 2003-067066/200306
Related WPI Acc No: 1997-385529
XRPX Acc No: N03-052046

Weather planning service provision method for online retail service management, involves displaying weather plan report for specific location within specific event generation time based on the received location data
Patent Assignee: BROWN T M (BROW-I); FOX F D (FOXF-I); PEARSON D R (PEAR-I) ; SENST B F (SENS-I); WEINSTEIN S (WEIN-I)
Inventor: BROWN T M; FOX F D; PEARSON D R; SENST B F; WEINSTEIN S
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020133385	A1	20020919	US 96588248	A	19960118	200306 B
			US 98126950	A	19980731	
			US 2001907714	A	20010719	
			US 2002108400	A	20020329	

Priority Applications (No Type Date): US 2002108400 A 20020329; US 96588248 A 19960118; US 98126950 A 19980731; US 2001907714 A 20010719

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020133385	A1	74	G06F-017/60	Cont of application US 96588248
				Cont of application US 98126950
				CIP of application US 2001907714
				Cont of patent US 5832456

Abstract (Basic): US 20020133385 A1

NOVELTY - A geographic location data relevant to a future event is received based on which future **event** generation time is set. A **weather** plan report is displayed for a particular geographic location within the specific event generation time based on the received data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computer program product storing weather planning service provision program.

USE - For providing weather planning service related to online management of retail services, manufacturing/production service, forestry, mining, transportation, entertainment and restaurant service. Also for use in planning various sports events and social functions through computer network.

ADVANTAGE - Enables providing accurate forecast regarding various events thereby performance of service is improved irrespective of weather conditions.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram indicating an analyzer and configuration of forecasting system.

pp; 74 DwgNo 3/50

Title Terms: WEATHER; PLAN; SERVICE; PROVISION; METHOD; RETAIL; SERVICE; MANAGEMENT; DISPLAY; WEATHER; PLAN; REPORT; SPECIFIC; LOCATE; SPECIFIC; EVENT; GENERATE; TIME; BASED; RECEIVE; LOCATE; DATA

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/13 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014803132 **Image available**

WPI Acc No: 2002-623838/200267

XRPX Acc No: N02-494141

Internet based golf course utilization charge setting method involves storing discount rates for utilizing golf course at various precipitation conditions and setting discount based on current precipitation condition

Patent Assignee: NTT COMMUNICATION WEAR KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002222370	A	20020809	JP 200118131	A	20010126	200267 B

Priority Applications (No Type Date): JP 200118131 A 20010126

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002222370 A 18 G06F-017/60

Abstract (Basic): JP 2002222370 A

NOVELTY - The discount rates for utilizing a **golf** course at various **precipitation** conditions are prestored in a database (51). When a reservation for utilizing the golf course is received from a user, a server (5) acquires the current precipitation conditions from a meteorological agency server (9) and searches the corresponding discount rate in the database. The golf course utilization charge is set based on the acquired discount rate.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for golf course utilization charge setting system.

USE - For setting charges for utilizing golf course through internet.

ADVANTAGE - As the utilization charge is reduced during rainy seasons, the number of users utilizing the golf course is not reduced. Hence both the user and golf course side persons are benefited.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory drawing of golf course charge setting system. (Drawing includes non-English language text).

Server (5)

Server (9)

Database (51)

pp; 18 DwgNo 1/12

Title Terms: BASED; GOLF; COURSE; UTILISE; CHARGE; SET; METHOD; STORAGE; DISCOUNT; RATE; UTILISE; GOLF; COURSE; VARIOUS; PRECIPITATION; CONDITION; SET; DISCOUNT; BASED; CURRENT; PRECIPITATION; CONDITION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/16 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014504207 **Image available**

WPI Acc No: 2002-324910/200236

XRPX Acc No: N02-255216

Information processor transmits related information such as traffic information and weather report at event hall to user, when information about purchasing of ticket for event is judged to be received through internet

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002073836	A	20020312	JP 2000260210	A	20000830	200236 B

Priority Applications (No Type Date): JP 2000260210 A 20000830

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002073836 A 15 G06F-017/60

Abstract (Basic): JP 2002073836 A

NOVELTY - A processing apparatus (3) processes information about purchasing of ticket for an event, received through internet (1) and from information terminal (2). After judging that the user receives the transmitted information, the related information such as information

about traffic in route connecting the user's residence and **event** hall and **weather** report at the **event** hall are received.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Information processing method;

(b) Recorded medium storing information processing program

USE - Information processor providing suitable information to user through internet.

ADVANTAGE - Required information can be provided efficiently to a user.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of service provision system. (Drawing includes non-English language text).

Internet (1)

Information terminal (2)

Processing apparatus (3)

pp; 15 DwgNo 1/11

Title Terms: INFORMATION; PROCESSOR; TRANSMIT; RELATED; INFORMATION;

TRAFFIC; INFORMATION; WEATHER; REPORT; EVENT; HALL; USER; INFORMATION;

PURCHASE; TICKET; EVENT; JUDGEMENT; RECEIVE; THROUGH

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): **G06F-013/00 ; G06F-017/30**

File Segment: EPI

11/5/17 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014419089 **Image available**

WPI Acc No: 2002-239792/200229

XRPX Acc No: N02-184963

Entertainment apparatus e.g. television game machine, has deciding sections for deciding weather based on cyclically changing event and based on local area information and global weather, respectively

Patent Assignee: SONY COMPUTER ENTERTAINMENT INC (SONY); SONY COMPUTER ENTERTAINMENT KK (SONY); ABE K (ABEK-I); EGUCHI M (EGUC-I); FUJII Y (FUJI-I); FUKUDA I (FUKU-I); HIRABAYASHI M (HIRA-I); MORINAGA H (MORI-I); OKITA S (OKIT-I); SEKI H (SEKI-I); SHOJI M (SHOJ-I)

Inventor: ABE K; EGUCHI M; FUJII Y; FUKUDA I; HIRABAYASHI M; MORINAGA H; OKITA S; SEKI H; SHOJI M

Number of Countries: 032 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200170357	A2	20010927	WO 2001JP2217	A	20010321	200229 B
AU 200144550	A	20011003	AU 200144550	A	20010321	200229
JP 2001334065	A	20011204	JP 200180279	A	20010321	200229
US 20020032053	A1	20020314	US 2001815996	A	20010321	200229
EP 1194198	A2	20020410	EP 2001917477	A	20010321	200232
			WO 2001JP2217	A	20010321	
BR 200105178	A	20020430	BR 20015178	A	20010321	200237
			WO 2001JP2217	A	20010321	
KR 2001113966	A	20011228	KR 2001714731	A	20011119	200240
NZ 516174	A	20020927	NZ 516174	A	20010321	200272
			WO 2001JP2217	A	20010321	
CN 1366465	A	20020828	CN 2001801104	A	20010321	200282
TW 490310	A	20020611	TW 2001106633	A	20010321	200321

Priority Applications (No Type Date): JP 200078549 A 20000321

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200170357	A2	E	105	A63F-013/10	
Designated States (National): AU BR CA CN KR MX NZ RU SG					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
AU 200144550	A			A63F-013/10	Based on patent WO 200170357
JP 2001334065	A		26	A63F-013/00	
US 20020032053	A1			A63F-013/00	
EP 1194198	A2	E		A63F-013/10	Based on patent WO 200170357
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
BR 200105178	A			A63F-013/10	Based on patent WO 200170357
KR 2001113966	A			A63F-013/10	
NZ 516174	A			A63F-013/10	Based on patent WO 200170357
CN 1366465	A			A63F-013/10	
TW 490310	A			A63F-013/00	

Abstract (Basic): WO 200170357 A2

NOVELTY - A global weather deciding section (901) divides a virtual world map into multiple global areas and decides weather in each global area, based on conditions decided from cyclically changing **event**. A local **weather** deciding section (902) decides local area weather based on given area information and global area weather. A weather reflecting section reflects local area weather on virtual world.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Memory medium storing program for deciding weather;
- (b) Weather deciding method;
- (c) Program for deciding weather

USE - Entertainment apparatus such as television game machine using three dimensional graphics.

ADVANTAGE - Entertainment is enhanced by providing more reality to weather phenomena reflected on the image displayed on a screen of a display unit, as global area weather is decided based on cyclically changing **event** and local area **weather** is decided based on given local area information and global area weather.

DESCRIPTION OF DRAWING(S) - The figure shows the software configuration of the weather deciding section.

Global weather deciding section (901)

Local weather deciding section (902)

pp; 105 DwgNo 7/19

Title Terms: ENTERTAINMENT; APPARATUS; TELEVISION; GAME; MACHINE; DECIDE; SECTION; DECIDE; WEATHER; BASED; CYCLIC; CHANGE; EVENT; BASED; LOCAL; AREA; INFORMATION; GLOBE; WEATHER; RESPECTIVE

Derwent Class: P36; P85; S03; W04

International Patent Class (Main): A63F-013/00; A63F-013/10

International Patent Class (Additional): G01W-001/00; **G06F-017/00** ;

G06F-019/00 ; G09B-009/30

File Segment: EPI; EngPI

11/5/26 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013815450 **Image available**

WPI Acc No: 2001-299662/200131

XRFX Acc No: N01-214971

Weather planning services providing method involves generating and displaying a report consisting of weather plan based on user input

geographical location and future time period for future event

Patent Assignee: PLANALYTICS INC (PLAN-N)

Inventor: FOX F D; PEARSON D R

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200068854	A2	20001116	WO 2000US12634	A	20000510	200131 B
AU 200048311	A	20001121	AU 200048311	A	20000510	200131

Priority Applications (No Type Date): US 99133278 P 19990510

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200068854	A2	E 95	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200048311	A		G06F-017/60	Based on patent WO 200068854
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Abstract (Basic): WO 200068854 A2

NOVELTY - Geographic location and future time period for a future **event** are input by the user. **Weather** plan is generated for the geographic location and the future time period input by the user. Report consisting of weather plan is displayed to the user. User is allowed to repeat the input of geographical location and future time period when the user is not satisfied with the received report.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) method of providing personalized weather calendar;
- (b) method of providing weather based advertisement;
- (c) handheld weather planner

USE - For entertainment, communication, advertisement and media industries.

ADVANTAGE - Enables to perform weather reporting, forecasting, entertainment and advertisement together and allows the user to plan a special **event** based on the forecasted **weather**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the physical components of activities planning system.

pp; 95 DwgNo 2/39

Title Terms: WEATHER; PLAN; SERVICE; METHOD; GENERATE; DISPLAY; REPORT;
CONSIST; WEATHER; PLAN; BASED; USER; INPUT; GEOGRAPHICAL; LOCATE; FUTURE;
TIME; PERIOD; FUTURE; EVENT

Derwent Class: S03; T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/32 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012769708 **Image available**

WPI Acc No: 1999-575931/199949

XRPX Acc No: N99-425090

Event transition estimation method for detecting probable events such as change in atmospheric temperature - involves detecting node which denotes probable event from label of arcs which interconnects search node and its interconnected nodes in probability graph

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11250085	A	19990917	JP 9849851	A	19980302	199949 B

Priority Applications (No Type Date): JP 9849851 A 19980302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11250085	A	12	G06F-017/30	

Abstract (Basic): JP 11250085 A

NOVELTY - Node corresponding to a designated status frame is searched from a probability graph and the other nodes connected to the searched nodes through arcs are detected. The node which indicates a probable event is detected from label of each arc which interconnects the searched nodes and its connected nodes. DETAILED DESCRIPTION - The probability graph is drawn from form of casual relationship between nodes connected by arc and label of each arc.

USE - For detecting probable **events** such as change in atmospheric **temperature** .

ADVANTAGE - Enables accurate detection of transition in probable events. Enables construction of probability base and transition estimation of events, based on information in text books, thereby eliminating need for manual input of data. DESCRIPTION OF DRAWING(S) - The figure shows partial view of probability graph.

Dwg.1/8

Title Terms: EVENT; TRANSITION; ESTIMATE; METHOD; DETECT; PROBABILITY; EVENT; CHANGE; ATMOSPHERE; TEMPERATURE; DETECT; NODE; DENOTE; PROBABILITY ; EVENT; LABEL; ARC; INTERCONNECT; SEARCH; NODE; INTERCONNECT; NODE; PROBABILITY; GRAPH

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/27

File Segment: EPI

11/5/33 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012692868 **Image available**

WPI Acc No: 1999-498977/199942

XRPX Acc No: N99-372144

Goods purchase condition notification system for stores - has stores computer which displays weather data, data about events in store surroundings etc., received from head quarters computer along with auto store data, in calender form

Patent Assignee: SEVEN ELEVEN JAPAN KK (SEVE-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11213036	A	19990806	JP 9818396	A	19980130	199942 B

Priority Applications (No Type Date): JP 9818396 A 19980130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11213036	A	8	G06F-017/60	

Abstract (Basic): JP 11213036 A

NOVELTY - Headquarters computer (2) transmits weather report data via public circuit to stores computer (5) each day at specific time. Data about events taking place in store surrounding, TV and radio commercial data are also transmitted at specific time of each week. These information are partitioned and displayed in calender form.

DETAILED DESCRIPTION - Auto store information is entered through keyboard of stores computer and is displayed along with data received from headquarters computer. The displayed information also includes maximum and minimum temperature data based on weather report information. Weather information is received by headquarters computer from weather report system computer (1).

USE - In stores.

ADVANTAGE - All required information for purchaser are available simply and hence goods purchase order can be done accordingly.

Unnecessary or surplus purchasing can be avoided. DESCRIPTION OF

DRAWING(S) - The figure is a block diagram of the notification system.

(2) Headquarters computer; (5) Stores computer.

Dwg.1/11

Title Terms: GOODS; PURCHASE; CONDITION; NOTIFICATION; SYSTEM; STORAGE;
STORAGE; COMPUTER; DISPLAY; WEATHER; DATA; DATA; EVENT; STORAGE; SURROUND
; RECEIVE; HEAD; QUARTER; COMPUTER; AUTO; STORAGE; DATA; CALENDER; FORM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

16/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO
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05738212 **Image available**
SYSTEM AND DEVICE FOR OPERATING **WEATHER** FORECAST COMPETITION

PUB. NO.: 10-021312 [JP 10021312 A]
PUBLISHED: January 23, 1998 (19980123)
INVENTOR(s): SATO KAZUHIKO
APPLICANT(s): SATO KAZUHIKO [000000] (An Individual), JP (Japan)
APPL. NO.: 08-195520 [JP 96195520]
FILED: July 05, 1996 (19960705)
INTL CLASS: [6] **G06F-019/00** ; G01W-001/02; H04M-003/42
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 36.4
(LABOR SAVING DEVICES -- Service Automation); 44.4
(COMMUNICATION -- Telephone); 46.1 (INSTRUMENTATION --
Measurement)
JAPIO KEYWORD:R012 (OPTICAL FIBERS)

ABSTRACT

PROBLEM TO BE SOLVED: To play a game which sets a familiar event stuck to everyday life to be an object, is fair and unnecessitates large-scale operating funds by collecting competitors through the use of a communication line and competing concerning the right/wrong of the **weather** forecast of. prescribed **place** and **date** .

SOLUTION: A **weather** information providing means 3 consists of a **weather** organization capable of providing **weather** observing data of the place of the object of the competition and provides observing data for a competition operating device 1 and a competition participating device 2. The device 1 provides the contents of the competition specifying a **weather** elements expressing a **place** , a **date** and the state of **weather** through the communication line 4, judges the right/wrong of the forecast of each competitor based on **weather** observing data from a **weather** information providing organization and publishes scores. Data is transmitted to the device 2 through internet 4. On the other hand, with respect to the device 1, data can be provided not only through internet 4 but through another line 5 such as using a satellite.

16/5/12 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014687649 **Image available**
WPI Acc No: 2002-508353/200254
Related WPI Acc No: 2002-508351; 2002-508352
XRPX Acc No: N02-402320

Information source selection method for network based information retrieval systems, uses sets of subject-related data to identify information of interest to a user in a particular context

Patent Assignee: BRITISH TELECOM PLC (BRTE)
Inventor: BOWSKILL J M; CRABTREE I B; LOFFLER A; O'DONOGHUE J J; POLAINE M J; TITMUSS R J

Number of Countries: 099 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200241178	A1	20020523	WO 2001GB5074	A	20011116	200254 B
AU 200215120	A	20020527	AU 200215120	A	20011116	200261

Priority Applications (No Type Date): EP 2000310323 A 20001121; EP
2000310267 A 20001120; EP 2000310269 A 20001120

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200241178 A1 E 50 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA
ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 200215120 A G06F-017/30 Based on patent WO 200241178

Abstract (Basic): WO 200241178 A1

NOVELTY - The retrieval engine includes a context-determining means
(209) which receives data from external sources relating to the user,
such as **location** and **time of day**, from a context of the user is
determined. First retrieving means uses personal profile input from
profiler (201) and user context information to retrieve context related
interests to be used by second retrieving means to query index
generator (205) to retrieve appropriate information sources.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) A method of storing information in respect of subject matter of
interest to a user on the basis of a state of the user; A method of
identifying information sources in accordance with a subject matter of
interest to a user; A computer program, or a suite of computer programs
to select, store and identify information in respect of subject matter
of interest to a user.

USE - For use in information retrieval systems, for providing
information relevant to a context of the user.

ADVANTAGE - By making use of inputs such as location tracking
devices, diary entries, **weather** reports, etc., the system can
determine the context of the user whether or not they are logged onto a
terminal, thus decoupling context from actions of a user at a terminal.
Retrieved information is ranked according to the determined context and
future potential contexts may be taken into account, for example, the
user can view interests that are relevant to his/her weekend plans.

DESCRIPTION OF DRAWING(S) - The figure is a schematic block diagram
showing components of an information provider.

pp; 50 DwgNo 2/8

Title Terms: INFORMATION; SOURCE; SELECT; METHOD; NETWORK; BASED;
INFORMATION; RETRIEVAL; SYSTEM; SET; SUBJECT; RELATED; DATA; IDENTIFY;
INFORMATION; INTEREST; USER; CONTEXT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

16/5/14 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014504281 **Image available**

WPI Acc No: 2002-324984/200236

XRPX Acc No: N02-255290

**Goods selling method using vehicles, involves determining selling place
based on data about visitors of places, weather and day of week**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002073941	A	20020312	JP 2000253472	A	20000824	200236 B

Priority Applications (No Type Date): JP 2000253472 A 20000824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002073941	A		6 G06F-017/60	

Abstract (Basic): JP 2002073941 A

NOVELTY - The data, regarding visitors in each of several places where customer gathering is expected, are collected. Vehicles (1) perform goods marketing according to determined data, **weather** and day of week.

USE - For marketing and selling of goods by vehicles.

ADVANTAGE - Improves selling performance and potentiates efficient marketing. Reduces the deficiency of the stock amount as much as possible.

DESCRIPTION OF DRAWING(S) - The figure explains the goods selling method using vehicles. (Drawing includes non-English language text).

Vehicle (1)

pp; 6 DwgNo 1/3

Title Terms: GOODS; SELL; METHOD; VEHICLE; DETERMINE; SELL; PLACE; BASED; DATA; VISIT; PLACE; **WEATHER** ; DAY; WEEK

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

16/5/21 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014334584 **Image available**

WPI Acc No: 2002-155287/200220

XRPX Acc No: N02-118054

Broadcast network for selectively transmitting individualized weather output signals to several remotely located devices; receives user ID codes in user-defined parameters and individualized weather output signals

Patent Assignee: WEATHERBANK INC (WEAT-N)

Inventor: ROOT M R; ROOT S A

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200209353	A2	20020131	WO 2001US22879	A	20010720	200220 B
AU 200177030	A	20020205	AU 200177030	A	20010720	200236
US 6505123	B1	20030107	US 2000624668	A	20000724	200306

Priority Applications (No Type Date): US 2000624668 A 20000724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200209353	A2	E 17	H04L-012/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200177030 A H04L-012/00 Based on patent WO 200209353

US 6505123 B1 G06F-169/00

Abstract (Basic): WO 200209353 A2

NOVELTY - A **weather** analysis unit (12) automatically and continuously compares **location** codes and spatial range IDs with the real- **time weather** data received from a **weather** information database (21). A communication network (20) receives user ID codes in user-defined parameters and individualized **weather** output signals. The network (20) transmits each individualized **weather** output signal to the communicator device (11) identified by the user ID code.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) a method of providing **weather** information to several of users located remotely from a broadcast network

USE - For providing detailed consumer customized **weather** reports, advisories, alerts, forecasts and warnings relevant to a consumer-defined level of need or dynamic spatial location.

ADVANTAGE - Provides an interactive **weather** advisory system for delivering individualized **weather** information to remote communicator devices.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of an interactive **weather** advisory system constructed in accordance with the present invention.

weather analysis unit (12)
communication network (20)
weather information database (21)
pp; 17 DwgNo 1/2

Title Terms: BROADCAST; NETWORK; SELECT; TRANSMIT; INDIVIDUAL; **WEATHER** ;
OUTPUT; SIGNAL; REMOTE; LOCATE; DEVICE; RECEIVE; USER; ID; CODE; USER;
DEFINE; PARAMETER; INDIVIDUAL; **WEATHER** ; OUTPUT; SIGNAL

Derwent Class: T01; W01

International Patent Class (Main): G06F-169/00 ; H04L-012/00

File Segment: EPI

16/5/26 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013897603 **Image available**

WPI Acc No: 2001-381816/200140

XRFX Acc No: N01-279980

Data acquisition and retrieval system for fishing, links currently stored geographical positioning data, fish location data and time data with previously stored geographical position data

Patent Assignee: ADVANCED MARINE TECHNOLOGIES PTY LTD (ADMA-N); GROSVENOR G G (GROS-I); PETRIE L (PETR-I); SQUIRES V R (SQUI-I)

Inventor: GROSVENOR G G; PETRIE L; SQUIRES V R

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200142992	A1	20010614	WO 2000AU1569	A	20001208	200140 B
AU 200123300	A	20010618	AU 200123300	A	20001208	200161
NZ 520036	A	20020927	NZ 520036	A	20001208	200272
			WO 2000AU1569	A	20001208	
US 20030056419	A1	20030327	WO 2000AU1569	A	20001208	200325
			US 2002149343	A	20021015	

Priority Applications (No Type Date): AU 994532 A 19991208

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200142992 A1 E 35 G06F-017/40

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200123300 A G06F-017/40 Based on patent WO 200142992

NZ 520036 A G06F-017/40 Based on patent WO 200142992

US 20030056419 A1 A01K-001/00

Abstract (Basic): WO 200142992 A1

NOVELTY - Geographical positioning data of fishing vessel (16), fish **location** data and **time** data are input via keypad of PC (17) and are then stored in database relative to geographical position of fishing vessel. The stored data is linked with previously stored data about the particular geographical position of fishing vessel. The linked data is accessed and output by interface box (31), for user interpretation.

DETAILED DESCRIPTION - **Weather** data indicating prevailing **weather** conditions in the geographical position of fishing vessel, water condition data of prevailing environment at the fishing vessel and time data specifying date, time or season at the geographical region, are also input and are stored. The stored data are processed according to predetermined parameters, to generate information for output via interface box. INDEPENDENT CLAIMS are also included for the following:

- (a) Fishing method;
- (b) Graphical user interface

USE - For catching different species of fishes such as Carpenteria Gulf tiger prawns, banana prawns, blue swimmer crabs, Western Australian rock lobster, snapper, Carnarvon and Exmouth tiger prawns in ocean.

ADVANTAGE - Facilitates fishing by utilizing environmental factors in addition to habitat factors.

DESCRIPTION OF DRAWING(S) - The figure shows the plan view of fishing vessel.

Fishing vessel (16)
PC (17)
Interface box (31)
pp; 35 DwgNo 1/8

Title Terms: DATA; ACQUIRE; RETRIEVAL; SYSTEM; FISH; LINK; CURRENT; STORAGE
; GEOGRAPHICAL; POSITION; DATA; FISH; LOCATE; DATA; TIME; DATA; STORAGE;
GEOGRAPHICAL; POSITION; DATA

Derwent Class: P14; T01

International Patent Class (Main): A01K-001/00; **G06F-017/40**

International Patent Class (Additional): A01K-069/00; A01K-073/00;

G06F-017/60

File Segment: EPI; EngPI

16/5/33 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011733523 **Image available**

WPI Acc No: 1998-150433/199814

XRFX Acc No: N98-119529

Operation system with weather forecasting function for conducting horse race - includes competition participation units which receive and display

**game contents and results from competition operation unit through
communication circuit**

Patent Assignee: SATO K (SATO-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10021312	A	19980123	JP 96195520	A	19960705	199814 B

Priority Applications (No Type Date): JP 96195520 A 19960705

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10021312	A	11	G06F-019/00	

Abstract (Basic): JP 10021312 A

The system includes a **weather** intelligence provision unit (3) which offers meteorological observation data of a **place** at specific **time**. The game contents which specify the meteorological elements, such as atmospheric temperature, humidity and **weather** conditions are offered through communication circuits (4,5) such as Internet and satellite. The participants of the competition are enabled to predict the **weather** condition of a predefined **place** at a specific **time**, and the predicted information is transmitted from competition participation units (2) to a competition operation unit (1) through the first communication circuit.

The competition operation unit distinguishes the validity of **weather** forecasting information predicted by each participant, based on the meteorological observation data offered by the **weather** intelligence provision unit. The operation unit releases the game results which are received and displayed by each competition participation unit.

ADVANTAGE - Eliminates need for large scale game facility and high operation fee.

Dwg.1/6

Title Terms: OPERATE; SYSTEM; **WEATHER**; FORECAST; FUNCTION; CONDUCTING; HORSE; RACE; COMPETE; PARTICIPATING; UNIT; RECEIVE; DISPLAY; GAME; CONTENT; RESULT; COMPETE; OPERATE; UNIT; THROUGH; COMMUNICATE; CIRCUIT

Derwent Class: S03; T01; W01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G01W-001/02; H04M-003/42

File Segment: EPI

25/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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06424910 **Image available**
MAP DISPLAY DEVICE AND METHOD

PUB. NO.: 2000-010472 [JP 2000010472 A]
PUBLISHED: January 14, 2000 (20000114)
INVENTOR(s): HARAGUCHI KOJI
TABUCHI DAISUKE
ITO TOMONORI
APPLICANT(s): ZENRIN CO LTD
SFD KK
APPL. NO.: 10-178648 [JP 98178648]
FILED: June 25, 1998 (19980625)
INTL CLASS: G09B-029/00; G06F-017/30; G06T-001/00; G09G-005/36

ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to jump to a place of the event carried out in the past on a map.

SOLUTION: At every occurrence of an event, such as graphic edition or place retrieval on the map, the graphic relating to this event and name of the place are registered in a history file 21 by making both thereof correspondent to the **latitude** and **longitude** of the **event** occurrence place. The list of the graphics and the names of the places relating to the past events is displayed as a history menu 23 on a display screen 31. When an arbitrary name is selected from this history menu 23, the latitude and longitude corresponding to this name are obtd. from the history file 21 and the map around the latitude and longitude is automatically displayed.

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25/5/5 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014284024 **Image available**
WPI Acc No: 2002-104725/200214
XRPX Acc No: N02-077789

Technique of prediction of volcano eruption

Patent Assignee: FEDOROV V M (FEDO-I)
Inventor: FEDOROV V M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2176095	C1	20011120	RU 2000122043	A	20000817	200214 B

Priority Applications (No Type Date): RU 2000122043 A 20000817

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2176095	C1		G01V-009/00	

Abstract (Basic): RU 2176095 C1

NOVELTY - At least one physical parameters related to volcano activity is controlled in neighborhood of possible eruption of volcano. Present value of parameter is compared with its critical value which indicates that eruption of volcano is most probable. Degree of probability of eruption of volcano is evaluated by value of deviation

of present value from critical one. Control over parameters is carried out over periods of time which calendar date and duration are found by astronomical indicators displaying value of gravitational component of volcanic **activity** . Geocentric **longitude** of the Sun and ecliptic latitude of the Moon are used as indicators in particular.

USE - Seismology.

ADVANTAGE - Prediction of time of eruption of volcano with sufficient accuracy without conducting uninterrupted monitoring. 5 cl, 2 dwg

pp; 0 DwgNo 1/1

Title Terms: TECHNIQUE; PREDICT; VOLCANIC; ERUPTION

Derwent Class: S03

International Patent Class (Main): G01V-009/00

File Segment: EPI

25/5/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013565355 **Image available**

WPI Acc No: 2001-049562/200106

XRPX Acc No: N01-038026

Fish-catch data collection and management for commercial fishing, involves linking fish-catch data with information identifying specific time interval and latitude/longitude specification

Patent Assignee: ARNOLD R C (ARNO-I)

Inventor: ARNOLD R C

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200052611	A2	20000908	WO 99US28009	A	19991123	200106 B
AU 200031047	A	20000921	AU 200031047	A	19991123	200106

Priority Applications (No Type Date): US 99332653 A 19990614; US 99122545 P 19990302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200052611	A2	E 35	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200031047	A		G06F-017/60	Based on patent WO 200052611
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Abstract (Basic): WO 200052611 A2

NOVELTY - The fish-catch data is transmitted into a data collection and storage device connected to global positioning system (GPS) or LOROW radio navigation system for a specific time interval at specific fishing location. The device is initiated and the fish-catch data are linked with the information identifying specific time interval and latitude/longitude specification.

DETAILED DESCRIPTION - The data collection and storage device is connected to the GPS or LOROW radio navigation system, to acquire and store **latitude / longitude** specification of specific **fishing** location. An INDEPENDENT CLAIM is also included for collecting and managing lobster-catch data in lobster fishing industry.

USE - For collecting, recording, analyzing and reporting of data used in the field of commercial fishing and commercial fisheries

management.

ADVANTAGE - The data are encrypted during data transfer and data records related to each fisherman are stored in secure files, individually, thereby maintaining confidentiality.

DESCRIPTION OF DRAWING(S) - The figure shows the lobsterman operating the data collection and storage device to collect and store catch data from his lobster traps.

pp; 35 DwgNo 5/7

Title Terms: FISH; CATCH; DATA; COLLECT; MANAGEMENT; COMMERCIAL; FISH; LINK
; FISH; CATCH; DATA; INFORMATION; IDENTIFY; SPECIFIC; TIME; INTERVAL;
LATITUDE; LONGITUDE; SPECIFICATION

Derwent Class: T01; W06

International Patent Class (Main): G06F-017/60

File Segment: EPI